

State of California  
AIR RESOURCES BOARD  
Executive Order DG-004-A  
Distributed Generation Certification of  
Ingersoll-Rand Energy Systems  
70LM Microturbine, version C

WHEREAS, the Air Resources Board (ARB) was given the authority under California Health and Safety Code section 41514.9 to establish a statewide Distributed Generation (DG) Certification Program to certify electrical generation technologies that are exempt from the permit requirements of air pollution control or air quality management districts;

WHEREAS, this DG Certification does not constitute an air pollution permit or eliminate the responsibility of the end user to comply with all federal, state, and local laws, rules and regulations;

WHEREAS, on March 6, 2003, Ingersoll-Rand Energy Systems applied for a DG Certification of its 70 kW 70LM PowerWorks Microturbine, which application was deemed complete on April 7, 2003;

WHEREAS, in that application Ingersoll-Rand Energy Systems demonstrated that its 70LM PowerWorks Microturbine, is unable to operate below eighty percent of full load conditions;

WHEREAS Ingersoll-Rand Energy Systems was issued a DG Certification on May 30, 2003, for its 70LM PowerWorks Microturbine;

WHEREAS on July 7, 2004, Ingersoll-Rand Energy Systems applied for a modification to its DG Certification DG-004 for the purpose of modifying the model name to 70LM Microturbine, version C;

WHEREAS, the model name change was requested in order to distinguish the model version certified in DG-004 from the model version WD certified in Executive Order DG-005;

WHEREAS Ingersoll-Rand Energy Systems has represented that the 70LM Microturbine, version C, described in their application for modification operates within the parameters set out in the application for certification dated March 6, 2003 and can meet the requirements set out in DG Certification DG-004;

WHEREAS, I find that the Applicant, Ingersoll-Rand Energy Systems, has met the requirements specified in article 3, Title 17, CCR, and has satisfactorily demonstrated that its 70LM Microturbine, version C, meets the 2003 DG Certification emission standards;

NOW, THEREFORE, IT IS HEREBY ORDERED, that DG Certification DG-004, is modified as set out herein, and Executive Order DG-004-A, executed at Sacramento, California on July 15, 2004, is hereby granted.

This DG Certification:

- 1) is subject to all conditions and requirements of the ARB's DG Certification Program, article 3, Title 17, CCR, including the provisions relating to inspection, denial, suspension, and revocation as well as all conditions and requirements of DG-004;
- 2) shall be void if any manufacturer's modification results in the model operating below eighty percent of full load conditions;
- 3) shall be void if any manufacturer's modification results in an increase in emissions or changes the efficiency or operating conditions of a model, such that the model no longer meets the 2003 DG Certification emission standards or the requirements set out above; and
- 4) shall expire on December 31, 2006.

Catherine Witherspoon  
Executive Officer  
By

/S/

Peter D. Venturini, Chief  
Stationary Source Division